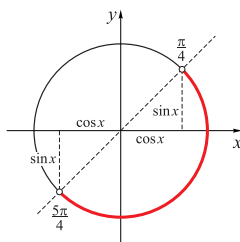


**Zadatak 12.** Za koji je  $x$ ,  $x \in [0, 2\pi]$ ,  $\sin x < \cos x$ ?

*Rješenje.*



$$\left\langle 0, \frac{\pi}{4} \right\rangle \cup \left\langle \frac{5\pi}{4}, 2\pi \right\rangle.$$